

Novalloy-C CE57FX

Polypropylene

Daicel Polymer Ltd.

Message:

Novalloy-C CE57FX is a Polypropylene material filled with 50% glass fiber. It is available in Asia Pacific. Primary attribute of Novalloy-C CE57FX: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.66	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.0 to 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	157	MPa	ISO 527-2
Flexural Modulus	16000	MPa	ISO 178
Flexural Stress	236	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	111	°C	ISO 75-2/B
1.8 MPa, Unannealed	98.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.750 mm, Black	V-1		
1.50 mm, Black	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	230 to 250	°C	
Middle Temperature	250 to 270	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	240 to 260	°C	
Mold Temperature	70.0 to 100	°C	
Back Pressure	10.0 to 20.0	MPa	
Screw Speed	50 to 100	rpm	

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